



THERMOPLEX TMP 703 HT

K P X 2 S -40



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THERMOPLEX TMP 703 HT is a fully synthetic noise tested special grease offering a multitude of application possibilities.

Special properties

- High resistance to temperature
- Excellent corrosion and wear protection
- High oxidation resistance
- Stable to cold and hot water as well as water steam
- Stable to aqueous acidic and basic purifying agents
- Low noise
- Long time and permanent lubrication in the whole machine building industry

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige		
Density at 20°C	0,97	g/cm ³	DIN 51757
Operating temperature range	-40 to 200	°C	
Thickener	Polyurea		
Base oil	Ester		
Kin. viscosity of the base oil at 40°C	70	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	9,6	mm ² /s	DIN EN ISO 3104
Worked penetration	245 - 265	mm/10	DIN ISO 2137
Consistency class (NLGI)	2 – 3		DIN 51818
Dropping point	> 250	°C	DIN ISO 2176
Resistance to water	1 – 80		DIN 51807
Corrosion protection (SKF-Emscor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	1 000 000	mm/min	
Oil separation at 40°C	1,07	%	DIN 51817
Oil separation at 100°C	1,77	%	DIN 51817
Noise class	≤ II/1		FAG MGG-11
Starting /running torque at -40°C	465 / 107	mNm	ASTM D 1478

Application

Rolling and plain bearings in machine building industry (e.g. mixers), rolling and plain bearings in the automotive industry (wheel bearings, water pump, shifting roads, hinges etc.), rolling and plain bearings in all wet working machines as well as pumps, washing and rinsing machines. Spindle bearing lubrication for milling and tool machines.

Packaging units

20 x 400 g cartridges, 6 x 1 kg cans, 5 kg bucket, 25 kg hobbock, 180 kg drum

The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

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